

IN THE CLAIMS

1. (currently amended) An improved efficiency impact absorption device (10, 10'), which comprises a honeycomb (20), said honeycomb (20) having a number of ribs (11) that define respective outlets (12) having a hexagonal section, terminating in holes (13), said ribs having a first end and a second end, the first end terminating at a respective outlet and the second end terminating in holes in a lower part of said honeycomb (20), said honeycomb (20) being injection-molded in plastic, wherein said honeycomb (20) features a tapered end on at least one longitudinal end of said honeycomb (20), wherein said plastic is a plastic resin derived from polycarbonate or rubber filled polypropylene wherein said impact absorption device is combined with a deformation containment element (15) positioned completely around said tapered end of said honeycomb (20), wherein said deformation containment element (15) is designed to withstand stress of an impact and resulting lateral thrust (16) generated by said impact.
2. (previously amended) The device (10,10') according to claim 1, wherein said plastic resin comprises a polycarbonate resin.
3. (cancelled).
4. (cancelled).
5. (currently amended) The device (10,10') according to claim 1, wherein said containment element (15) is made of a high resistance steel material.

6. (currently amended) The device (10,10') according to claim 5, wherein said containment element (15) is made integral with said honeycomb (20).

7. (currently amended) The device (10,10') according to claim 1, wherein said containment element (15) is fastened directly to a vehicle.

8. (currently amended) An improved efficiency impact absorption device (10,10'), which comprises a honeycomb (20), said honeycomb (20) having a number of ribs (11) that define respective outlets (12), having a hexagonal section, terminating in holes (13), in a lower part of said honeycomb (20), said honeycomb (20) being injection-molded in plastic, wherein said honeycomb (20) features a tapered end on at least one longitudinal end of said honeycomb (20), wherein said plastic is a plastic resin derived from a polycarbonate wherein said impact absorption device (10, 10') is combined with a deformation containment element (15) positioned completely around said tapered end of said honeycomb (20), wherein said deformation containment element (15) is designed to withstand stress of an impact and resulting lateral thrust (16) generated by said impact,.